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DATE OF DEPOSIT 9/26/03

Our File No. 9281-4655

Client No. N US02098

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Naoya Hasegawa et al.)
Serial No. To be Assigned)
Filing Date: Herewith)
For Magnetic Sensor Having Free Layer)
Additionally Provided With Magnetic)
Anisotropy by Shape Anisotropy)

PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Prior to examination of the above-identified application, please amend the application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks begin on page 8 of this paper.